


**Dr. Joydip Mukhopadhyay**  
**Professor**  
**Department of Geology**  
**Presidency University**  
**86/1, College Street, Kolkata- 700073**

Phone: 9432233438  
e mail: [joydip17@gmail.com](mailto:joydip17@gmail.com)

### **CERTIFICATE FROM SUPERVISOR**

This is to certify that the thesis entitled “Sedimentological Analyses, Internal Stratigraphy and Sediment-hosted Detrital Iron and Radioactive Ore Mineral Potential of the Mesoarchean Siliciclastic Succession around Keonjhar, Singhbhum Craton, Odisha, India”, submitted by Ms Saheli De, who got her name registered for award of Ph. D. (Science) in Geology degree of the Presidency University vide Registration No. R-14RS15210051 of 2016, for the award of Ph.D. (Science) in Geology degree of the Presidency University, is entirely based upon her own work under my supervision and that neither this thesis nor any part of it has been submitted for any degree/ diploma or any other academic award anywhere before. She has completed all the formalities required for submission.

  
**(Joydip Mukhopadhyay)**  
(Supervisor)  
Professor  
Department of Geology  
Presidency University

**Residential Address:** Flat- 102,  
Block- I-23/1, B.P. Township,  
Kolkata- 700094